MACK TRUCKS

MODELS

DM-600SX SERIES

STANDARD EQUIPMENT 6-Wheel Dump Truck

(Based on Model DM 607SX)

WHEELBASE	176" (LP 165"; CA 111")
ENGINE (MACK Diesel)	**END 673E**
Type	Naturally aspirated, 6 cyl.
Bore & Stroke	4⅞" x 6"
Piston displacement, cu. in.	**672**
***Brake horsepower at 2100 rpm**	**180**
***Maximum torque at 1400 rpm**	**540**
Lube oil filter	Full-flow twin, spin-on disposable type
Air Cleaner (Dry type)	*EBA 13 (Donaldson)
Radiator frontal area	700 sq. in.
Fuel pump	Multiple unit
Water filter	Spin-on disposable element type
Thermostat (Set to open)	155°
*Based on performance at sea level & 60°F dry air intake temperature.	
*N/avail. w/ENDT 676	
FUEL TANK	**50 gal., L.H. steel rect., two step**
ELECTRICAL SYSTEM: Alternator	(L/N) **12 Volt, 65 Amp.**
Starting system	12 Volt
Batteries	(4) 6 Volt
Plates per cell 23; Amp. @ 20 hr. rate	165
CLUTCH:	CL 69 or CL 77
Make	Spicer Lipe
Size	14", 2-plate 14", 2-plate
Lining	Organic Organic
Area of engagement	424 sq. in 423 sq. in.
TRANSMISSION	**TRQ 7220**
Type	18-spd., overgear, quadruplex
FRONT AXLE	**FAW 612C**
Capacity	18,000 lbs.
BOGIE	**SWS 681C**
Capacity	55,000 lbs.
Carriers	CRDPC 112 & CRD 113
Ratios	4.17, 4.50, 4.76, 5.13, 5.73, 6.34, 7.00, 7.49, 8.24, 9.15

	FRONT	REAR
SPRINGS:	(FAW 612C)	(SWS 681C)
Ground load rating	18,000 lbs.	55,000 lbs.
Size	50¼" x 3½	54" x 5"
Leaves no. & thickness	11 @ .499"	13 @ .788"

BRAKES: Type (Tu-Flo 501 compressor) **Air**

Front (cam type)	16½" x 5" (314 sq. in.)
Rear (cam type)	18" x 7" (1,000 sq. in.)
Auxiliary	Spring Loaded Type
AIR RESERVOIR	One
Location	Outside right frame rail
Capacity	3645 cu. in.

WHEELS and TIRES:

Wheels	Cast, spoke
Tires	*11.00-22 (12P), 8.0 Rims
*Overall width excess 96"	

STEERING GEAR: Model **SGP 38**

Steering wheel diameter; ratio 22", 24.4:1

FRAME:

Size	Material	Section Modulus	RBM In Lbs. Per Rail
13⅜" x 3¼" x ⅜"	Heat-treated 110,000 PSI Minimum Yield Strength Steel	31.2	3,430,000

CAB **CA 491 (no rider seat)**

Type (101" BBC) Offset—two-man

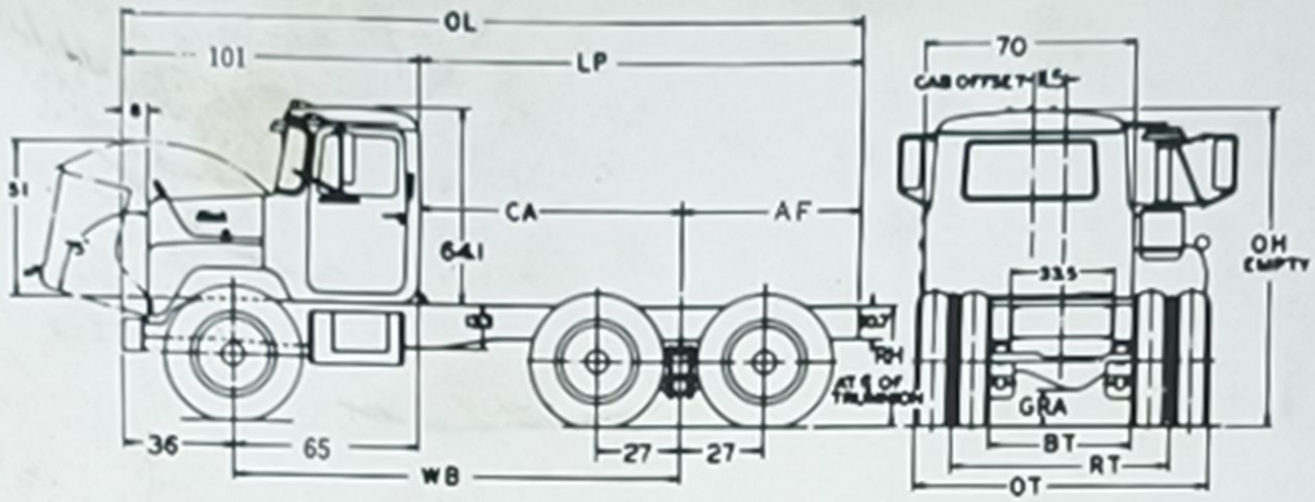
STANDARD CHASSIS WEIGHT **EST. LBS.**

Front 7,777, Rear 10,143, Total 17,893

CHASSIS EQUIPMENT

Automatic radiator shutters
Automatic reset circuit breakers
Back-up lamp
Bumper extended
Cab heater and defroster 37,500 BTU
Cab, roof vent, two-way
Combination stop, tail, & rear turn signals (2)
Headlights
Hood & fenders, unitized fiberglass (tilts forward)
Horn, electric, single tone
I.D. & clearance lamps
Low air pressure buzzer
Rear view mirrors, two West Coast type (black enamel finish)
Seat belts
Side marker lights & reflectors
Steering column, adjustable
Sun visor, left side
Tachometer, single hand type
Tow hooks, front
Turn signals, front & rear (with 4-way flasher)
Under frame exhaust
Voltmeter
Warning light (for spring loaded aux. brakes)
Wheel wrench and handle
Windshield glass, Solex
Windshield washers
Windshield wipers, air, dual, single motor

MACK TRUCKS, INC.
ONE OF THE SIGNAL COMPANIES



DM-600SX
CHASSIS DIMENSIONS

WB	LP	CA	AF	OL	TURNING CIRCLE DIA. (Outer Edge of Tire) APPROX. LEFT	RIGHT
176"	165"	111"	55"	266"	64'	67'
162"	157"	97"	61"	258"	61'	63'
176"	181"	111"	71"	282"	64'	67'
182"	181"	117"	65"	282"	66'	69'
182"	197"	117"	80"	298"	66'	69'
188"	181"	123"	59"	282"	67'	70'
188"	197"	123"	74"	298"	70'	73'
198"	187"	133"	49"	288"	70'	73'
198"	197"	133"	64"	298"	70'	73'
214"	197"	149"	49"	298"	74'	78'

Specifications subject to change without notice. Illustrations are not necessarily a representation of standard specifications.

TIRE SIZE	OH	RH		OT	RT
	APPROX.	EMPTY	LOADED	SPOKE WHEELS	
11.00-22	109.2	42.7	40.9	97.4	71.1
11.00-24	110.2	43.7	41.9	99.0	73.6
12.00-24	111.0	44.3	42.6	104.4	77.00

Chassis dimensions are in inches and are for standard chassis unless otherwise denoted.
Frame heights are subject to variation: 1" empty, ½" loaded.

1-74 IPC 15M

MACK TRUCKS, INC. • Allentown, Pa.
"The Truck Capital of the World"

PRINTED IN U.S.A.